AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the output polarizer angle γ is at an angle of 135° minus the twist angle of the said liquid crystal cell, and

(c) the product of the cell gap d and birefringence Δn has a value of between 1.1 and 1.5 microns.

2. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the output polarizer angle γ is at an angle of 135° minus the twist angle of the said liquid crystal cell, and

(c) the product of the cell gap d and birefringence Δn has a value of between 0.6 and 1.0 microns.

3. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the output polarizer angle γ is at an angle of 45° minus the twist angle of the said liquid crystal cell, and

(c) the product of the cell gap d and birefringence Δn has a value of between 0.9 and 1.3 microns.

4. (Original) A liquid crystal display comprising an input polarizer, a rear reflector, and a liquid crystal cell in between said input polarizer and said reflector characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell has a value in between -60° and 60°, and

(c) the product of the cell gap d and birefringence Δn has a value of between 0.45 and 0.65 microns.

5. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between 65° and 85°,

(c) the output polarizer angle γ is between 20° and 40° relative to the input director of the said liquid crystal cell, and

(d) the product of the cell gap d and birefringence Δn has a value of between 1.1 and 1.5 microns.

6. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between 80° and 100°,

(c) the output polarizer angle γ is between 35° and 55° relative to the input director of the said liquid crystal cell, and

(d) the product of the cell gap d and birefringence Δn has a value of between 1.1 and 1.5 microns.

7. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between 80° and 100°,

(c) the output polarizer angle γ is between -35° and -55° relative to the input director of the said liquid crystal cell, and

(d) the product of the cell gap d and birefringence Δn has a value of between 0.9 and 1.3 microns.

8. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between 120° and 140°,

(c) the output polarizer angle γ is between 80° and 100° relative to the input director of the said liquid crystal cell, and

(d) the product of the cell gap d and birefringence Δn has a value of between 1.1 and 1.5 microns.

9. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between 65° and 85°,

(c) the output polarizer angle γ is between 20° and 40° relative to the input director of the said liquid crystal cell, and

(d) the product of the cell gap d and birefringence Δn has a value of between 0.7 and 0.9 microns.

10. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between 80° and 100°,

(c) the output polarizer angle γ is between 35° and 55° relative to the input director of the said liquid crystal cell, and

(d) the product of the cell gap d and birefringence Δn has a value of between 0.7 and 0.9 microns.

11. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between 80° and 100°,

(c) the output polarizer angle γ is between -35° and -55° relative to the input director of the said liquid crystal cell, and

(d) the product of the cell gap d and birefringence Δn has a value of between 1.0 and 1.2 microns.

12. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between 80° and 100°,

(c) the output polarizer angle γ is between 35° and 55° relative to the input director of the said liquid crystal cell, and

(d) the product of the cell gap d and birefringence Δn has a value of between 0.75 and 0.95 microns.

13. (Original) A liquid crystal display comprising an input polarizer, an output polarizer, and a liquid crystal cell in between said input and output polarizers characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between -5° and 15°,

(c) the output polarizer angle γ is between -35° and -55° relative to the input director of the said liquid crystal cell, and

(d) the product of the cell gap d and birefringence Δn has a value of between 0.9 and 1.0 microns.

14. (Original) A liquid crystal display comprising an input polarizer, a rear reflector, and a liquid crystal cell in between said input and reflector characterized by a twist angle, a cell thickness and a birefringence of the liquid crystal, such that

(a) the input polarizer angle α is between 35° and 55° relative to the input director of the said liquid crystal cell,

(b) the twist angle of the said liquid crystal cell is between -5° and 15°, and

(c) the product of the cell gap d and birefringence Δn has a value of between 0.4 and 0.8 microns.

15. (Currently Amended) A liquid crystal display as claimed in ~~any of claims 1 to 14~~ claim 1 wherein the input polarizer angle is $\alpha \pm N\pi$ where N can be any positive or negative integer.

16. (Currently Amended) A liquid crystal display as claimed in ~~any of claims 1 to 15~~ claim 1 wherein the output polarizer angle is $\gamma \pm N\pi$ where N can be any positive or negative integer.